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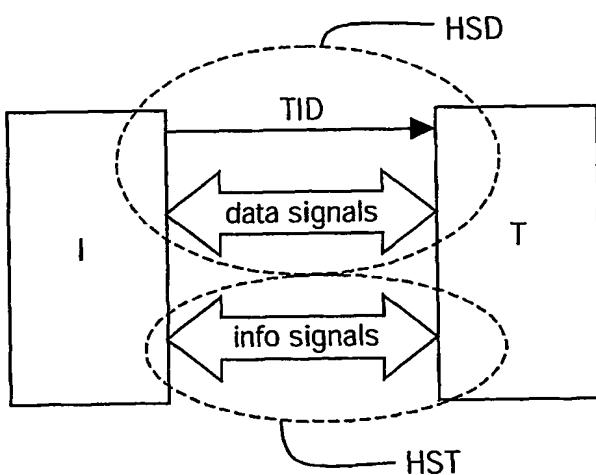
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(54) Title: PROCESSING SYSTEM AND METHOD FOR TRANSMITTING DATA



(57) **Abstract:** A method for exchanging data between a first and a second functional unit is described, which comprises the following steps: in a first handshake procedure, data is exchanged corresponding to a communication thread (TID) selected by the first functional unit (I), while independently in a second handshake procedure, information relating to a status of at least one communication thread is exchanged from the second (T) to the first functional unit (I). The information enables the first functional unit (I) to anticipate the possibility of exchanging data for the at least one communication thread.



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